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ABSTRACT

The teacher's guide to Orientation to Health Occupations is an outline for a course designed to create student awareness of the broad range of health occupations. It can be adapted for use at the junior high school through postsecondary levels and is designed to be used in a variety of ways. There are 18 units of instruction, each containing one cluster in which several related occupations are presented. Several audiovisual materials are suggested for each unit, to be selected by the teacher with the particular student group in mind. Objectives of the course are outlined, followed by the units, which are organized under the headings of hours, content, instructor's activities, students' behavioral activities, and references. The 18 clusters are: an overview, administration, patient care, dentistry, medical laboratory, health office occupations, medical diagnostic equipment, dietary occupations, social service, drug therapy, rehabilitation, communication skills, special senses, research science, community and environmental health, other occupations, hospital financing, and supportive occupations. (Author/NH)

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Orientation to Health Occupations
A Teacher's Guide

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
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December, 1972

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Introduction

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It is predicted that by 1975 the Health Care Industry will be the largest industry in the nation embracing over five million workers.

In 1900, there were less than two health workers assisting each physician in the care of patients. Twelve health workers complemented each physician in 1970, and the ratio is increasing. Demands for services have expanded and personnel devote their talents and energies to health maintenance, prevention of illness, as well as caring for the ill. New career opportunities will develop as the role of the health worker changes. Educational agencies, therefore, have a responsibility to assist students to prepare for employment in the health care industry.

The purpose of this course is to create student awareness of the broad range of health occupations. It can be adapted for use at the junior high school, high school, post-secondary or adult levels, and is designed to be used in a variety of ways. The program can be offered for one year, one period a day (45 minutes), totaling approximately 180 hours. This can be increased or decreased as time allows, depending upon the student audience. Each unit contains one cluster in which several related occupations are presented. This enables the student to learn about career families within the entire health field. It is hoped that Orientation to Health Occupations will motivate students to seek further education in the health field.

Each health occupation listed, follows an outline that includes a description of the work involved, personal qualifications of the worker, employment opportunities including locations

of employment, working conditions, financial and other rewards, and future outlooks. Educational requirements, including licensure or certification, are also contained in the outline. A sample of this outline is shown in the first unit of each cluster. Several audio-visual materials are suggested for each unit. The teacher should select those which are most appropriate for the individual group. Evaluative tools should be determined and used by the teacher at appropriate intervals throughout the course.

The Division of Vocational Education, Health Occupations Unit, welcomes comments and suggestions from teachers following the use of these outlines.

Joan M. Birchenall
Director, Health Occupations Education

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ORIENTATION TO HEALTH OCCUPATIONS

Course Description:

The purpose of this course is to create student awareness of the broad range of Health Careers.

Course Objectives:

Upon completion of this program:

1. The student will know at least five health care services available to the consumer.
2. The student will be able to list at least one health cluster and identify its members.
3. The student will know at least thirty terms used in health occupations.
4. The student will be able to demonstrate one hands-on experience in each health career cluster.

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<u>UNIT I OVERVIEW</u>		<u>BEST COPY AVAILABLE</u>	
<u>HOURS (Approx.)</u>	<u>INSTRUCTORS ACTIVITIES (AVI'S)</u>	<u>STUDENTS BEHAVIORAL ACTIVITIES (Assignments)</u>	<u>REFERENCES</u>
2 hours	A. Selecting a career in health - an overview:	<p>Discussion</p> <p>Listen</p> <p>Distribute Booklet "Horizons Unlimited"</p> <p>1. Factors that influence selection:</p> <p>a. Your own personality - a desire to serve others</p> <p>b. Your own personal experiences</p> <p>c. Physical ability</p>	<p>Kinsinger, Robert. <u>Career Opportunities, Health Technicians, 1970</u> J.G. Ferguson Publishing Co., Chicago, Ill.</p> <p>American Medical Assn., 535 W. Dearborn St., Chicago, Ill. 60610</p> <p>Lawren Productions, Inc., P. O. Box 1542 Burlingame, Calif. 94010</p> <p>List ten Health Occupations.</p> <p>Film: "Is a Career in the Health Services For You?" or "Code Blue", 28 min., color, 1971, free</p> <p>Ask questions</p> <p>or</p> <p>Counselor Films, Inc., 1422 Chestnut St., Philadelphia, Pa. 19102</p> <p>National Audiovisual Center National Archives & Records Service Washington, D.C. 20409</p>

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UNIT I OVERVIEW (Cont'd)		INSTRUCTORS (AVAILABILITY)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
HOURS (APPROX.)	CONTENT	ACTIVITIES (AVAILABILITY)	ACTIVITIES (Assignments)	
1 hour	B. Trends in Health Care	Lecture	<p>Discussion</p> <p>1. Comprehensive Health Planning</p> <p>2. National Health Insurance</p> <p>3. Health Maintenance Organizations</p> <p>4. Health Care Team</p>	<p>State Dept. of Health, Comprehensive Health Planning Agency, John Fitch Plaza, Trenton, N. J. 08625</p> <p>Health Insurance Council, 750 3rd Ave., New York, New York 10017</p> <p>Secretary, Health Planning Section, American Public Health Assn., 1740 Broadway New York, N. Y. 10019</p> <p>Health Careers Box 28 Town Center Branch West Orange, N.J. 07052</p> <p>Public Affairs Office Div. of Planning and Research, Labor & Industry Building, P.O. Box 359 Trenton, N. J. 08625</p> <p>Review and ask questions</p>

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UNIT I OVERVIEW (Cont'd)		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
2 hours	<p>d. Occupational environment</p> <p>2. Readiness to enter the career of choice</p> <p>3. Types of Educational Programs</p> <p>4. Combining career in health with other careers in such areas as: engineering, agriculture, communications, marketing, military, business, accounting, animal care, community service, education, and the fine arts.</p>	<p>Film strips - "Health Careers"</p> <p>Elicit Student Experience</p> <p>Film "Careers in Allied Health Service." 25 min. Charge - \$3.</p> <p>1. Length of programs 2. Accreditation 3. Need for laboratory experience 4. Choosing a program 5. Financial assistance 6. Future outlook</p>	<p>List five health careers shown in film.</p> <p>Mr. Glenn Smith, Univ. of S. Carolina, Audiovisual Division, Columbia, S.C. 29208</p> <p>United Health Service, Health Career Program, 225 So. 15th St., Phila., Pa. 19102</p> <p>American Medical Assn., Film Library, 535 N. Dearborn St. Chicago, Ill. 60610</p> <p>U.S. Dept. of Labor, Employment Security, Wash., D.C. 20213</p>	<p>N.J. Health Careers Service, 375 W. State St., Trenton, N.J. 08618</p> <p>List five health careers shown in the film</p> <p>or</p> <p>Film: "Careers in Health" 15 min. color, 16mm. or "Health Careers I, II, III, IV" (film strips)</p> <p>Film - "Horizons Unlimited," 1967, 28 min., color, sound, 16mm. or "Jobs in the Health Field," 11 min., color, sound, free, 1966</p>

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UNIT 2 ADMINISTRATIVE CLUSTER		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	Introduction to Health Facilities			N.J. Hospital Assn., Highway 206, Princeton, N. J. 08540
	A. Types of Facilities	Show film, "Hospitals are People." 18 min. color Rental \$8.00 or "A True Story about Hospitals." 13 min. color Rental \$4.00 or "The Patient is a Person" 20 min. color, Rental \$4.00 or "The Changing Hospital"	After viewing film, students will list six (6) departments of hospital	American Hosp. Assn., 840 N. Lake Shore Dr., Chicago, Ill. 60611
1 hour	1. Hospitals 2. Extended Care Facilities 3. Nursing Homes 4. Clinics 5. Offices 6. Schools 7. Government Agencies - Federal-State-Local 8. Other	12	2. Administration of Health Facilities	Health Careers of Ohio, P. O. Box 5574, Columbus, Ohio 43221 Two students will volunteer to interview the guest speaker.

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UNIT 2 ADMINISTRATIVE CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)		REFERENCES
-	d. Licensure or Certification	Show film "The Changing Picture in Graduate Education for Hospital Administration"	Explain the past, present and future role of a hospital administrator	or	Amer. Hosp. Assn., 840 N. Lake Shore Dr., Chicago, Ill. 60611 Amer. College of Hosp. Administrators, 840 N. Lake Shore Dr., Chicago, Ill. 60611 or Assn. of Univ. Programs in Hosp. Administration, 1 Dupont Circle, Wash., D. C. 20036
-	e. Employment Opportunities	Prepare problem for students to role play	Role play a problem the administrator might face in his daily routine		Discussion of areas visited - observations and general feelings

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4 hours

Health Care Facility

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UNIT 2 ADMINISTRATIVE CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
	3. Hospital Personnel Director a.) b.) c.) as above d.) e.)	Lecture Discussion		Amer. Society for Per- sonnel Admin., 52 E. Bridge St., Berea, Ohio 44107 N. J. Hosp. Assn., Rte. 206, Princeton, N. J. 08540 Public Personnel Assn., 1313 E. 60th St., Chicago, Ill. 60637 Amer. Society for Hosp. Personnel Directors, 840 N. Lake Shore Dr., Chicago, Ill. 60611

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UNIT 3 PATIENT CARE CLUSTER HOURS (Appx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	<p>Introduction to Patient Care</p> <p>A. Overview</p> <p>The patient care team is headed by the physician or dentist. Other patient care personnel work with him in supportive or preventive tasks.</p> <p>B. Physician - list some specialty areas. Example: Dermatology, neurology, obstetrics, otolaryngology, health care facility administrator, etc.</p> <p>C. Description of work required</p> <ol style="list-style-type: none">a) Physicalb) Emotionalc) Educational requirementsd) Licensure or certification <p>D. Employment opportunities</p> <ol style="list-style-type: none">a) Locationb) Working conditionsc) Financial Rewardsd) Other Rewardse) Future Outlook	<p>Lecture</p> <p>Discussion</p>	<p>Medical Society of N.J. 315 W. State Street Trenton, N.J. 08618</p> <p>Modern Talking Picture Service, 1234 Spruce St. Philadelphia, Pa. 19107</p> <p>American Academy of General Practice, Volker Blvd. at Brookside, Kansas City, Missouri 64112</p> <p>Same as above</p>	<p>Show Film "Counter Attack" 29 min. color Sound 16mm Free</p> <p>"Someone You Can Trust-Someone You Can Be", 29 min. color sound 16mm 1966</p> <p>Distribute copies of <u>Mrs Medic</u></p> <p>"To Seek...To Teach...To Heal" 29 min. color, 1969, free</p>

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UNIT 3 PATIENT CARE CLUSTER (Cont'd)				BEST COPY AVAILABLE
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour		Divide students into groups of two - Give each a stethoscope and demonstrate use. Let them listen to various body sounds	Listen and describe sounds heard	Health Careers of Ohio P. O. Box 5574 Columbus, Ohio 43221
<u>1</u> hour		Booklet "Physician" Have students watch a "Doctor Series" TV show	Read and discuss Three students will give oral reports of TV show observed	American Medical Assn. 535 North Dearborn St. Chicago, Ill. 60610
2 hours		C. Physician's Assistant 1.) follow outline as under physician 2.) 3.) 4.) 5.)	D. Nursing Occupations	ANA-MLN Nursing Careers Program, American Nurses Assoc., 10 Columbus Circle New York, New York 10019
				ANA-MLN Film Library 267 West 25th Street New York, New York 10001
				Same as above
				Same as above

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UNIT 3 PATIENT CARE CLUSTER (Cont'd)

HOOPS (Approx.)	CONTENT	BEST COPY AVAILABLE		REFERENCES
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	
b. Associate Degree Nurse	Booklet "Do You Want to Be a Nurse?" 1.) as under Physician 2.) 3.) 4.) 5.)	Read and discuss		National League of Nursing 10 Columbus Circle New York, New York 10019
c. Diploma Nurse	Book "Your Future in Nursing" by Virginia B. McDonnell 1.) 2.) 3.) 4.) 5.)	Read and discuss		Richards Rosen Press, Inc. 29 East 21st Street New York, New York 10010
d. Nursing Specialties				American Assoc. of Nursing Anesthetists, 3010 Prudential Plaza, Chicago, Ill. 60601 Same as above
1. Nurse Anesthetist	Film "In These Hands" a. Description of Work 18 min., color, second b. Specific character 16 min., free, 1966	Discuss roles of a nurse anesthetist		
c.	istics required 1.) Physical 2.) Emotional 3.) Educational require 1965 Free	Booklet "Anesthesia - A Special Type of Nursing"	Read and discuss	
d. Licensure or certifi- cation	e. Employment Opportuni- ties 1.) Location 2.) Working Condi- tions 3.) Financial reward 4.) Other rewards 5.) Future outlook			

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UNIT 3 PATIENT CARE CLUSTER (Cont'd)		BEST COPY AVAILABLE	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL.)	STUDENTS' BEHAVIORAL ACTIVITIES (Assignments)
2 hours	<p>2. Public Health Nurse</p> <ul style="list-style-type: none"> a.) as under Nurse Anesthetist b.) as under Nurse Anesthetist c.) as under Nurse Anesthetist d.) as under Nurse Anesthetist e.) as under Nurse Anesthetist 	<p>Show film "The Road" 28 min. Bl./W Sound, 1960 Rental</p> <p>or</p> <p>"The Road Back" 23 min. B/W Sound, 1966</p>	<p>Discuss the public health nurse in her areas of work</p> <p>Discuss the role of the visiting nurse as shown in the film</p>
16	<p>3. School Nurse</p> <ul style="list-style-type: none"> a.) as under Nurse Anesthetist b.) as under Nurse Anesthetist c.) as under Nurse Anesthetist d.) as under Nurse Anesthetist e.) as under Nurse Anesthetist 	<p>Assign students to record their personal immunizations</p>	<p>Record personal immunizations</p>
2 hours	<p>4. Industrial Nurse</p> <ul style="list-style-type: none"> a.) as under Nurse Anesthetist b.) as under Nurse Anesthetist c.) as under Nurse Anesthetist d.) as under Nurse Anesthetist e.) as under Nurse Anesthetist 	<p>Booklet "Have You Considered a Career in Occupational Health Nursing?" Free</p>	<p>Read and discuss</p>
18	<p>5. Nurse Practitioner / Clinician</p> <ul style="list-style-type: none"> a.) as under Nurse Anesthetist b.) as under Nurse Anesthetist c.) as under Nurse Anesthetist d.) as under Nurse Anesthetist e.) as under Nurse Anesthetist 	<p>Form panel of four students. (Student will be given booklets to assist him in making the presentation)</p>	<p>Each panelist will discuss the similarities and differences in educational preparation, etc. according to outline listed in introduction of each type of nurse.</p>
			<p>National League for Nurses 10 Columbus Circle New York, N.Y. 10019</p> <p>N.J. League for Nursing 605 Broad Street Newark, N.J. 07102</p> <p>N.J. State Nurses Assn. 60 South Fullerton Ave. Montclair, N.J. 07042</p>

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UNIT 3 PATIENT CARE CLUSTER (Cont'd)

<u>BEST COPY AVAILABLE</u>		INSTRUCTORS ACTIVITIES (AVAILABILITY)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
HOURS (Approx.)	CONTENT			
1 hour	<p>E. Licensed Practical/ Vocational Nurse</p> <ul style="list-style-type: none"> a.) Description of work b.) Specific characteristics required c.) Physical d.) Emotional requirements e.) Educational requirements f.) Licensure or certification g.) Employment Opportunities <ul style="list-style-type: none"> 1.) Location 2.) Working Condition 3.) Financial rewards 4.) Other rewards 5.) Future outlook 	<p>Film "Helping Hands for Julie", 25 min., BL/W sound, 16mm, 1958</p> <p>Hand out booklets (NAPNES) "Career Opportunities as a LPN" 1968 Free</p>	<p>Discuss story portrayed in film</p> <p>Read and discuss</p>	<p>National Fed. of LPN, Inc. 250 West 57th Street New York, N.Y. 10019</p> <p>N.J. Dept. of Labor & Indu. Div. of Employment Security Trenton, N.J. 08625</p>
	<p>6. Office Nurse</p> <ul style="list-style-type: none"> a.) as under Nurse b.) Anesthetist c.) d.) e.) <p><u>Hands-on experience</u> <u>Demonstrate application of an arm sling.</u> Discuss importance and uses.</p>	<p>Return demonstration.</p> <p>List five steps in applying an arm sling</p>	<p>LPN Assn. of N.J., Inc. 7575 Springfield Ave. Irvington, New Jersey</p> <p>Assn. Sterling Films 347 Madison Avenue New York, N. Y. 10017</p> <p>National Association for Practical Nurse Ed. & Serv 1465 Broadway New York, N. Y. 10036</p> <p>Trident Films, 131 East 36th Street, New York, New York 10016</p>	<p>Film "Nurse Please", 28 min., color, sound, 16mm, 1954</p> <p>Discuss opportunities available to L.P.N.'s</p>

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UNIT 3 PATIENT CARE CLUSTER (Cont'd)				BEST COPY AVAILABLE
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	F. Nursing Assistant (Nurse Aide, Attendant, Orderly, Corpseman) a.) Description of Work b.) Specific characteristics required 1.) Physical 2.) Emotional c.) Educational requirements d.) Licensure or certification e.) Employment Opportunities 1.) Location 2.) Working Conditions 3.) Financial rewards 4.) Other rewards 5.) Future outlook	Booklet "Nurse Aide" free 1969 Film: "Lady with a Lamp" or "Lift Thine Eyes" 20 min. B&W, Sound 1959 or "Military Nurse" or "No Care Enough" or	Read and discuss Discussion of film "Discuss role of military patient care personnel." "Discuss role of psychiatric aide as portrayed in the film" "Attendant: Role of the Psychiatric Aide"	N.J. Dept. of Labor & Indu Div. of Employment Securit Trenton, N.J. 08625 United Health Services 225 South 15th Street Philadelphia, Pa. 19102 Northwestern University Pi Library, Speech Annex, Evanston, Ill. 60201 U.S. Dept. of DIAOMITS, Rm. 3C972, The Pentagon Washington, D.C. 2C2Q1 E.G.E. Association 4715 Kingsessing Avenue Philadelphia, Pa. 19143 John Sylvia, Medical Servi Representative, Dow Chemic Co., 906 Stafford Drive, Toms River, N. J.
1 hour	G. Specialty Technician 1. Operating Room/Surgical	Film: "Nurse Aide"	Discussion of film	N.J. Occupational Research Development Resource Center Bldg. 871, Plainfield Ave. Edison, N.J. 08817

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UNIT 3 PATIENT CARE CLUSTER (Cont'd)

<u>HOPPS (APP. #X.)</u>	<u>CONTENT</u>	<u>BEST COPY AVAILABLE</u>		
		<u>INSTRUCTORS ACTIVITIES (AVA'S)</u>	<u>STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)</u>	<u>REFERENCES</u>
a.) Description of Work	Film "Building Training Programs for O.R. Technicians," 10 min. \$15. charge		Discussion of film	Davis & Geck, Div. of Amer. Cyanamid Co., Film Library, 1 Casper Street Danbury, Conn. 06810
b.) Specific characteristics required				
1.) Physical				
2.) Emotional				
c.) Educational requirements	Booklet "Surgical Assistant"		Read and discuss	Health Careers of Ohio P. O. Box 5574 Columbus, Ohio 43221
d.) Licensure or certification				
e.) Employment Opportunities				
1.) Location ties				
2.) Working Conditions				
3.) Financial rewards				
4.) Other rewards				
5.) Future outlook				
2. Mental Health			Read and discuss	National Assn for Mental Health 10 Columbus Circle New York, New York 10019
a.)				
b.) as under Operating				
c.) Room/ Surgical				
d.)				
e.)				
3. Psychiatric Technician			Read and discuss	Booklet "Find Your Future in a Mental Health Career", 1968 Free
a.)				
b.)				
c.)				
d.)				
e.)				

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UNIT 4 DENTAL CLUSTER		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
	Introduction to Dental Occupations:	This unit could be presented as a panel of speakers: dentist, dental hygienist, dental assistant, and dental laboratory technician.	Elicit student discussion related to dental occupations	Council of Dental Education American Dental Assn. 222 East Superior Street Chicago, Ill. 60611
2 hours	A. Overview - The dental health team is headed by a dentist. Other dental personnel work with him in supportive or preventive tasks	Film: "Preventive Dentistry" 45 min.	Discuss role of preventive dentistry as shown in film	Procter & Gamble Distributing Company 555 E. City Line Ave. Bala-Cynwyd, Pa.
	B. Dentist	Exhibit model of a tooth for the students to examine. Hand out diagram with parts labeled	Identify the parts of the tooth and the function of each part	Health Careers of Ohio P. O. Box 5574 Columbus, Ohio 43221
	1. Specialist	Handout - "Dentist"	Name 5 advantages of a career in dentistry	American Dental Assn. 211 East Chicago Ave. Chicago, Ill. 60611
	a. Oral Surgeon	1. Description of work	Name four fields in which dentists can work	Same as above
	b. Emotional characteristics required	2. Specific characteristics required	4. Licensure or certification	"Pattern of a Profession" 28 min., color, sound, 16mm
	c. Educational requirements			
	d. Physical requirements			

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UNIT 4: DENTAL CLUSTER (Cont'd)

HOURS (Lip-Syn.)	CONTENT	INSTRUCTORS ACTIVITIES (AVP'S)	STUDENTS BEHAVIOR ACTIVITIES (Assignments)	REFERENCES
	<p>5. Employment Opportunities</p> <ul style="list-style-type: none"> a.) Location b.) Working conditions <p>c.) Financial rewards</p> <p>d.) Other Rewards</p> <p>e.) Future Outlook</p>	<p>"What About Tomorrow?" 26 min., color, 1971 free</p> <p>Optional Activity - Describe and display materials and instruments used in each specialty</p> <p>b. Orthodontist</p> <ol style="list-style-type: none"> 1. 2. 3. as above 4. 5. <p>c. Pedodontist</p> <ol style="list-style-type: none"> 1. 2. 3. as above 4. 5. <p>d. Prosthodontist</p> <ol style="list-style-type: none"> 1. 2. 3. as above 4. 5. 	<p>What are the dental needs of your community? Discuss</p> <p>Observe and examine</p>	<p>Modern Talking Pictures 2323 New Hyde Park Road New Hyde Park, N.Y. 11040</p> <p>Colgate Professional Services Dept., Colgate-Palmolive Company 740 North Rush Street Chicago, Ill. 63611</p> <p>Read and discuss</p> <p>Specialty pamphlets: Series 1, 2, 3, 4, 5, 6</p>

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UNIT 4 DENTAL CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVM'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
	e. Periodontist 1. 2. 3. as above 4. 5.			American Dental Hygienist Assoc., 211 East Chicago Chicago, Ill. 60611
1 hour	f. Endodontist 1. 2. 3. as above 4. 5. g. Other 1. 2. 3. as above 4. 5.		Describe 2 tasks of a dental hygienist 28 min., color, sound, 16 min., 1967, free loan or Film "A Bright Future," Amer. Dental Assoc., 28 min., color, sound, 16 min., 1967, free loan Booklet "Careers in Dental Hygiene" Read and discuss	Same as above Same as above

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HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)
5.	Employment Opportunities a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook	Correct Method of brushing teeth with Dental Kit large scale model of teeth and large brush. Demonstrate use of dental floss. Describe and discuss "plaque". Its relation to decay & periodontal disease	Have students return demonstration Have students return the demonstration Discuss "plaque" control
1 hour	D. Dental Assistant 1. Follow outline under Dental Hygienist 2. 3. 4. 5.	Film "Dental Assistant - A Career Service", 13 min. color, sound, 16mm, 1962 free loan or "The Dental Assistant - An Extra Pair of Hands" (filmsstrip), color, 11me	Describe 2 tasks of a Dental Assistant Same as above Booklet "Dental Assistants" or Booklet "Dental Assistants

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DETAILED CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
		Display instruments used by dental personnel - this can be presented any time during this cluster.	Examine instruments	Richards Rosen Press, Inc 29 East 21st Street New York, N.Y. 10010
2 hours		Book "Your Future as a Dental Assistant" by Janice C. Frost, 1970 187 pages	Read and discuss Give each student a slab, cement, 2nd mixing fluid	Encyclopaedia Britannica Ed. Corp. Dept. 10A 425 N. Michigan Avenue Chicago, Ill. 60611 Nat'l Assn. of Dental Laboratories, 734 15th St., N.W., Washington, D. C. 20006
			Practice mixing material on glass slab. Prepare bulletin board or poster to show four areas of this field.	Discuss 5 duties of a dental lab technician Film loop "Dental Lab Technicians" Dental Laboratory Technician 1.) 2.) 3.) As under Dental 4.) Hygienist 5.)
				Dental Secretary 1.) 2.) 3.) 4.) 5.)

Orientation to Health Occupations

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UNIT 4 DENTAL CLUSTER (Cont'd)		BEST COPY AVAILABLE		STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL)			
6.	<p>Dental Receptionist</p> <ol style="list-style-type: none"> 1.) 2.) 3.) as under Dental 4.) Hygienist 5.) 	<p>If time permits and students are interested, this unit may be summarized by role playing the various careers presented in this cluster</p>	<p>Choose roles and role play various dental careers</p>	<p>Local dental laboratory, dental clinic, dental office, or college dental department</p>	<p>Observe impressions, plates and samples of materials used. Discuss observations following field trip</p>

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UNIT 5 MEDICAL LABORATORY CLUSTER					
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES	
1 hour	<p>Introduction to Medical Laboratory Occupations</p> <p>A. Overview</p> <p>The medical laboratory, headed by a Pathologist, uses a team of Technologists, technicians, assistants, and aides. They assist in the diagnosis and treatment of disease by scientifically testing the patient's blood, tissues, body fluids, and secretions</p>	<p>Elicit student discussion of experiences related to this cluster</p> <p>Give each student culture plate</p>	<p>State experiences related to this area of health</p> <p>Take culture from environment. Read culture plates in 1 week.</p>	<p>American Society of Medical Technologists, Suite 1600 Hermann Bldg., Houston, Texas 77025</p> <p>American Society of Clinical Pathologists 710 S. Wolcott Ave. Chicago, Ill. 60612</p>	
1½ hours	<p>B. Medical Laboratory Technician</p> <ol style="list-style-type: none"> 1. Description of Work 2. Specific characteristics required <ol style="list-style-type: none"> Physical Emotional 3. Educational requirements 4. Licensure or certification 5. Employment Opportunities <ol style="list-style-type: none"> Location Working conditions Financial rewards Other rewards Future outlook 	<p>Show film "Medical Technologists", 23 min., color, sound, 16mm or</p> <p>"Detectives of Disease" 17 min., color, sound, 16mm, 1965 or</p>	<p>State experiences involved in this career</p> <p>Students will answer: What are the sub-specialties of pathology?</p>	<p>Nat'l Committee for Careers in Medical Technology, 9650 Rockville Pike, Bethesda, Md. 20034</p> <p>Betendum School of Medical Technology, 4800 Friends Ave., Pittsburgh, Pa. 15221</p>	

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UNIT 5 MEDICAL LABORATORY CLUSTER (Cont'd)		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS' BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
			Nat'l Committee on Careers in Medical Technology 1501 New Hampshire Ave., Washington, D.C. 20036	
			Health Careers of Ohio P. O. Box 5574 Columbus, Ohio 43221	
			Richards Rosen Press, Inc 29 East 21st Street New York, N.Y. 10010	
			N.J. Society of Medical Technologists, 15 Clun Av Fords, N. J. 08863	
			American Medical Assn. 535 North Dearborn St. Chicago, Ill. 60610	
			Board of Certified Lab Assistants, 445 N. Lake Shore Drive, Chicago, Ill. 60611	
			Registry of Medical Techni cists, American Society of Clinical Pathologists, 71 Wolcott Ave., Chicago, Ill 60612	
½ hour	C. Certified Laboratory Assist.	Film "Hospital Sepsis" 1.) follow outline under 2.) Medical Laboratory 3.) Technologist 4.) Display equipment used in this cluster (Ex. pipet, reagents, flasks, beakers, etc.)	Discuss cultures illustrated in film Examine	
1 hour	D. Laboratory Aide	1.) Lecture 2.) Assemble equipment for lab practice 3.) 4.) Technologist 5.)	Discussion View prepared slides under microscope (Ex. Pap Smears)	

Orientation to Health Occupations

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UNIT 5 MEDICAL LABORATORY CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)		REFERENCES
		INSTRUCTORS ACTIVITIES (AVA'S)	INSTRUCTORS ACTIVITIES (AVA'S)	
1½ hours	E. Cytotechnologist 1.) follow outline under 2.) Medical Laboratory 3.) Technician 4.) 5.)	Collect urine samples from several students. Demonstrate clinitest	Show film "Human Cell and the Cytotechnologist" 22 min., color, sound, 16mm, 1957	Return demonstration Discuss duties of a cytotechnologist
1 hour	F. Histologic Technician 1.) 2.) 3.) as above 4.) 5.)	Prepare equipment	Examine microscopically prepared slides	Careers in Medical Techno- logy 9650 Rockville Pike Bethesda, Md. 20014
1½ hours	G. Blood Bank Technologist 1.) 2.) 3.) as above 4.) 5.)	Booklet "Histologic Tech- nician" Guest speaker from a blood bank	Read and discuss Interview speaker	Careers, P.O. Box 135, Largo, Florida 33540
4 hours		Type blood of students 1.) 2.) 3.) as above 4.) 5.)	Allow blood to be typed Observe and discuss procedure	Registry of Medical Technologists Box 2544 Muncie, Indiana 47302
		Film "Collecting Blood Samples	Discuss methods shown in film	Becton, Dickinson and Co. Advertising Manager Chicago, Ill. 60646
		Plan field trip to a clinical pathology lab- oratory. Point out equip- ment (ex. photometer) used in laboratory	Discussion of observa- tions following trip to clinical pathology laboratory	Clinical pathology laboratory

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UNIT 6 HEALTH OFFICE OCCUPATION CLUSTER		STUDENTS BEHAVIORAL ACTIVITIES (Assignments)			INSTRUCTORS ACTIVITIES (AVA'S)	REFERENCES
HOURS (Approx.)	CONTENT					
1 hour	Introduction to Office Occupations Related to Health		Lecture	Discussion	A team of workers that aid the physician with administrative, statistical, and clerical duties.	American Assn. of Medical Record Librarians, 2111 East Chicago Ave. Chicago, Ill. 60611 Same as above
1 hour	A. Overview				1. Medical Record Librarian a. Description of Work b. Specific characteristics required. 1. Physical 2. Emotional c. Educational requirements d. Licensure or certification e. Employment opportunities	Booklet "Medical Record Librarian" Free Read and discuss Film "Facts, Facts & Fingertips" 12 min., color, 1969, free Guest speaker from Medical Record Library 1. Location 2. Working conditions 3. Financial reward 4. Other rewards 5. Future outlook
	B. Medical Records				2. Simulate a hypothetical court case involving subpoena of patient's hospital record	Interview by students in a class Role Play

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<u>HOURS (Approx.)</u>	<u>CONTENT</u>	<u>INSTRUCTORS ACTIVITIES (AVA'S)</u>	<u>STUDENTS BEHAVIORAL — ACTIVITIES (Assignments)</u>	<u>REFERENCES</u>
				Health Careers of Ohio P. O. Box 5574 Columbus, Ohio 43221
3.	Medical Record Tech. a.) b.) c.) Same as Medical d.) Record Librarian e.)	Booklet "Medical Records Technician"	Read and discuss	
1 hour	3. Transcriptionist a.) b.) c.) Same as above d.) e.)	Demonstrate dictation and transcription machines	Each student will dictate a prepared paragraph into the machine. Each student will listen and trans- cribe a paragraph from machine.	
3	4. Coding Clerk a.) b.) c.) Same as above d.) e.)	Display equipment used in this cluster (Ex. card files, rotary file, filing supplies, etc.)	Examine, ask questions	
1 hour	5. File Clerk a.) b.) c.) Same as above d.) e.)	Plan field trip to Medi- cal Records Department of local hospital	Discussion of observa- tions following field trip to Medical Records Library	Local hospital

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UNIT 6 HEALTH OFFICE OCCUPATION CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	BEST COPY AVAILABLE	
				REFERENCES	REFERENCES
1 hour	C. Medical Assistant 1. Description of Work 2. Specific characteristics required a.) Physical b.) Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook	Booklet "Plan Your Career As a Medical Assistant Demonstrate taking of heights and weights Quarterly magazine: "Medical Assistant" free	Read and discuss Return demonstration Read and discuss current articles	American Assn. of Medical Assistants, Inc. 200 East Ohio Street Chicago, Ill. 60601	Smith Kline & French Laboratories, Services Dept. E-10 1500 Spring Garden St. Philadelphia, Pa. 19101
	D. Medical Secretary 1. Description of Work 2. Specific characteristics required a.) Physical b.) Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook	Booklet "Medical Secretary" 1965 Guest speaker-Medical Secretary	Read and discuss Interview guest speaker	Chronicle Guidance Briefs Chronicle Guidance Pub. Noravia, N.Y. 13118 Local doctor's office	Local Telephone Business Office Same as above

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UNIT 6 HEALTH OFFICE OCCUPATION CLUSTER (Cont'd)

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HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	E. Medical Receptionist <ol style="list-style-type: none"> 1. Description of work 2. Specific characteristics required <ol style="list-style-type: none"> a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities <ol style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	Simulate a case study for students to role play	Role Play - Receptionist and various types of patients - aggressive, hostile, anxious and pleasant	American Medical Assn. 535 North Dearborn St. Chicago, Ill. 60610 Chronicle Guidance Briefs Chronicle Guidance Publications Horavia, N. Y. 13118
1 hour	F. Admitting Office <ol style="list-style-type: none"> 1. Supervising admitting clerk/worker/officer 2. Description of work 3. Specific characteristics required <ol style="list-style-type: none"> a. Physical b. Emotional 4. Educational requirements 5. Licensure or certification 6. Employment opportunities <ol style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	Guest speaker from admitting office of local health care facility	Interview or ask questions	American Hospital Assn. 840 Lake Shore Drive Chicago, Ill. 60611 Financial Executive Inst. 50 West 44th Street New York, N. Y. 10001

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<u>UNIT 6 HEALTH OFFICE OCCUPATION CLUSTER (Cont'd)</u>		<u>BEST COPY AVAILABLE</u>	
<u>HOURS (Approx.)</u>	<u>CONTENT</u>	<u>DIRECTORS ACTIVITIES (AVA'S)</u>	<u>STUDENTS BEHAVIORAL ACTIVITIES (Assignments)</u>
			<u>REFERENCES</u>
			<u>Location of Daily Newspapers</u>
			<u>Prepare college of adver- tisements from newspapers related to openings avail- able in health office occupations</u>
			<u>Local Telephone Business Office</u>
36 2 hrs	6.	Business Office 1. Hospital Business Office Manager a. Description of work b. Specific character- istics required 1. Physical 2. Emotional c. Educational require- ments d. Licensure or certifica- tion e. Employment opportuni- ties	<p>Divide students into groups. Give students recent newspapers.</p> <p>Practice case material</p> <p>Arrange for telephone training program (2 units - Business Studies and Speech)</p>
		1. Location 2. Working conditions 3. Financial rewards 4. Other rewards 5. Future Outlook	

Orientation to Health Occupations

UNIT 6 HEALTH OFFICE OCCUPATION CLUSTER (Cont'd)

<u>HOURS (Approx.)</u>	<u>CONTENT</u>	<u>BEST COPY AVAILABLE</u>		<u>REFERENCES</u>
		<u>INSTRUCTORS ACTIVITIES (AVAILABILITY)</u>	<u>STUDENTS BEHAVIORAL ACTIVITIES (Assignments)</u>	
2.	<p>2. Cashier</p> <ul style="list-style-type: none"> a. b. Same as for Hospital Business Office Manager c. d. e. 			Careers P. O. Box 135 Largo, Fla. 33540
	<p>3. Account Clerks</p> <ul style="list-style-type: none"> a. b. c. Same as above d. e. 	Booklet "Qualifications of the Hospital Accountant" by Joseph Tonascia 1967 Free	Read and discuss	
	<p>4. Hospital Credit and Collection clerk (worker)</p> <ul style="list-style-type: none"> a. b. c. Same as above d. e. 	Book "Your Future in the Credit Field" by H.R. Neifield, Ph.D.	Read and discuss	Richards Rosen Press, Inc. 29 East 21st Street New York, N.Y. 10010
1 hour	<p>5. Unit Administration Department</p> <ul style="list-style-type: none"> 1. Unit Manager (Hired Manager) Guest speaker - Unit Manager a. Description of work b. Specific characteristics required <ul style="list-style-type: none"> 1. Physical 2. Emotional c. Educational requirements d. Licensure or certification 		Interview of speaker by students	Local hospital

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UNIT 6 HEALTH OFFICE OCCUPATION CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
		INSTRUCTORS ACTIVITIES (AVA'S)	
2 hours	<p>e. Employment opportunities</p> <ul style="list-style-type: none"> 1.) Location 2.) Working conditions 3.) Financial rewards 4.) Other rewards 5.) Future outlook <p>2.</p> <p>Nursing Service Clerk (Ward Clerk)</p> <ul style="list-style-type: none"> a.) b.) c.) Same as above d.) e.) 	<p>Discuss observations following field trip</p> <p>Plan field trip to local hospital to observe Unit Manager at work</p>	Local hospital

Orientation to Health Occupations

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				BEST CON' AVAILABLE
UNIT 7 OCCUPATIONS RELATED TO MEDICAL DIAGNOSTIC EQUIPMENT CLUSTER		INSTRUCTORS ACTIVITIES (ATL'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assessments)	REFERENCES
HOURS (Approx.)	CONTENT			
½ hour	A. Overview This team is trained in the operation, maintenance, or development of sophisticated medical equipment which assist the physician in making accurate diagnoses	Lecture Discussion	American College of Radiology 20 North Wacker Drive Chicago, Ill. 60606 American Society of Clinical Pathologists, 710 S. Wolcott Ave., Chicago, Ill. 60612	
4 hours	B. Electroencephalographic Technician (EEG) 1. Description of work 2. Specific characteristics required 3. a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities	Read and discuss Hand out booklet "EEG Technician" Plan field trip to health care facility Plan for technicians to demonstrate their equipment	Michigan Employment Security Commission, State Administrative Office 7310 Woodward Avenue Detroit, Michigan 48202 Field trip to observe EEG, EKG, and ECG at hospital Plan for technicians to demonstrate their equipment	Contact Local Hospital American Hospital Assn. 840 North Lake Shore Drive Chicago, Ill. 60611

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UNIT 7 OCCUPATIONS RELATED TO MEDICAL DIAGNOSTIC EQUIPMENT CLUSTER (Cont'd)		BEST COPY AVAILABLE	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)
	C. Electrocardiographic Technician (EEG) 1. 2. Same as under EEG 3. 4. 5.	Same as under EEG	Same as under EEG
	D. Electromyography Technician (EMG) 1. 2. 3. Same as above 4. 5.	Same as above	Same as above
2 hours	E. Radiologic Technician 1. Diagnostic Technician a. Description of work b. Specific characteristics required 1. Physical 2. Emotional c. Educational requirements d. Licensure or certification e. Employment opportunities 1.) Location 2.) Working conditions	American Society of Radiologic Technologists 645 N. Michigan Ave. Chicago, Ill. 60611 Discuss duties of a radiological technologist Film "More Than a Job" 27 min., color, sound, \$6 per 1969, free loan or Training in X-Ray Technology, 13 min., black and white, 16mm 1963	GAF Corporation X-Ray Marketing 140 West 51st Street New York, N.Y. 10020 Discuss the field of X-ray technology portrayed in the film

Orientation to Health Occupations

UNIT 7 OCCUPATIONS RELATED TO MEDICAL DIAGNOSTIC EQUIPMENT CLUSTER (Cont'd)		BEST COPY AVAILABLE	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)
	3.) Financial rewards 4.) Other rewards 5.) Future outlook	Booklet "Radiologic Technologists"	Read and discuss
	2. Therapeutic Technician		
	a. b. c. Same as above d. e.		
	3. Nuclear Medicine Technician	Film "Atoms for Health"	Discuss film
	a. b. c. Same as above d. e.		
	4. Nuclear Medicine Technologist	Film "The Strange Case of the Cosmic Rays" 59 min.	Discuss mysteries of cosmic rays
	a. b. c. Same as above d. e.		
			Local Telephone Business Office
			Society of Nuclear Medical Technologists 1201 Waukegan Road Skokie, Ill. 60025
			Radio Products Dept. E. I. DuPont Co., Inc. Wilmington, Del. 19898

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UNIT 7 OCCUPATIONS RELATED TO MEDICAL DIAGNOSTIC EQUIPMENT (Cont'd)		BEST COPY AVAILABLE	
HOURS (Apprx.)	CONTENT	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	<p>F. Respiratory Technicians</p> <ol style="list-style-type: none"> 1. Cardiopulmonary Technician Film "Breath of Life" 16 min. Local Heart Assn. a. Description of work b. Specific characteristics required <ol style="list-style-type: none"> 1.) Physical 2.) Emotional c. Educational requirements Film "Rescue Breathing" 21$\frac{1}{2}$ min. d. Licensure or certification e. Employment opportunities <ol style="list-style-type: none"> 1.) Location 2.) Working conditions 3.) Financial rewards 4.) Other rewards 5.) Future outlook 	<p>Each student will be able to list the steps to follow in a respiratory emergency</p> <p>Return demonstration shown on film</p>	<p>Local Telephone Business Office</p>
2 hours	<p>2. Inhalation Therapy</p> <ol style="list-style-type: none"> a. Technician b. Same as above c. Booklet "The Career You Want" d. Booklet "A Career in Inhalation Therapy" e. Read and discuss 	<p>Demonstrate breathing techniques on Resuscitation Anne</p> <p>Return demonstration</p> <p>Read and discuss</p>	<p>American College of Chest Physicians 112 Chestnut Street Chicago, Ill. 60611</p> <p>Inhalation Therapy Dept. Overlook Hospital Summit, New Jersey 07901</p> <p>T.B. Respiratory Assn. of Central N.J., 12 Baldwin Ave., Jersey City, N.J. 07304</p>

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UNIT 7. OCCUPATIONS RELATED TO MEDICAL DIAGNOSTIC EQUIPMENT CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	BEST COPY AVAILABLE
1 hour	<p>Guest speaker - inhalation therapist</p> <p>Consult local drug manufacturers for available audio-visual materials on bio-medical equipment</p> <p>6. Biomedical Equipment Technician</p> <ol style="list-style-type: none"> 1. Description of work 2. Specific characteristics required <ol style="list-style-type: none"> a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities <ol style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	<p>Interview guest speaker</p> <p>Lecture</p> <p>Discussion</p>	American Assn. for Inhalation Therapy 4075 Main St., Suite 316 Riverside, Cal. 92501	Field trip Inhalation Therapy Dept., Cardio-Pulmonary Dept., and Radiological Dept. Student practice, if feasible; ex. IPPB Discussion of observations following field trip
4 hours			American Medical Assn. 535 North Dearborn St. Chicago, Ill. 69610	Contact local hospital American Society of Diagnostic Technologists 117 South Main Milwaukee, Wis. 54235

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UNIT 8 DIETARY OCCUPATIONS CLUSTER		BEST COPY AVAILABLE	
HOURS (approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL'S)	STUDENTS EDUCATIONAL ACTIVITIES (Assignments)
REFERENCES			
½ hour	Introduction to Dietary Occupations (Food Service)		
	A. Overview - This team is trained in caring for the nutritional needs of patients	Lecture Assign students to record food intake for one day. Discuss reports when completed	Discussion Keep record of food intake for a day. Discussion
1 hour			
	B. Nutritionist	Guest speaker - "Nutritionist" 1. Description of work 2. Specific characteristics required a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook	Interview speaker. Ask about malnutrition and hunger in the U.S.A. Discuss two advantages of being a dietitian or a nutritionist.
	C. Dietitian	1. Administrative Dietitian a. Hand out booklet "Dietitian" b. c. Same as above d. e. Film "The Career Game" 14 min., color, 1970, free loan	Read and discuss Health Careers of Ohio P. O. Box 5574 Columbus, Ohio 43221 Modern Talking Pictures 2323 New Hyde Park Road New Hyde Park, N.Y. 11040 Describe three types of dietitians portrayed in the film

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UNIT 8 DIETARY OCCUPATIONS CLUSTER (Cont'd)		BEST COPY AVAILABLE	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)
			Explore with students therapeutic diets
	2. Therapeutic Dietitian	a. b. c. Same as Administrative Dietitian d. e.	Volunteer personal knowledge of any therapeutic diet
	3. Clinic Dietitian	a. b. c. Same as above d. e.	
	4. Teaching Dietitian	a. b. c. Same as above d. e.	
1/2 hour	D. Food Service Supervisor	Booklet "Careers in Quantity Food Service" 1.) 2.) 3.) Same as above 4.) 5.)	Nat'l Restaurant Assn. 1530 North Lake Shore Drive Chicago, Ill., 61610

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UNIT 8 DIETARY OCCUPATIONS CLUSTER (Cont'd)			
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAS)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)
		REFERENCES	
E. Dietary Technician	<p>a.</p> <p>b.</p> <p>c. Same as Administrative</p> <p>d. Dietitian</p> <p>e.</p>	Lecture	Discussion
F. Food Service Worker	<p>a.</p> <p>b.</p> <p>c. Same as above</p> <p>d.</p> <p>e.</p>	Booklet "The Science and Technology of Food"	<p>Read and discuss</p> <p>Aid in preparation of trays. Students will eat what they have prepared</p> <p>The Hospital, Institution and Educational Food Service Society 620 North Michigan Ave. Chicago, Ill. 60611</p> <p>Prepare a tray for patient on a regular diet. Have students assist. Home Economics Dept. could be used.</p> <p>Plan field trip to a dietary department of a health facility, school or commercial establishment</p> <p>Tour dietary department. Discuss observations following trip.</p>

Orientation to Health Occupations

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UNIT 9 SOCIAL SERVICE CLUSTER

HOURS (Approx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
2 hours	Introduction to Social Service Occupations <ul style="list-style-type: none"> A. Overview <ul style="list-style-type: none"> A group of workers who help people resolve their social and emotional problems B. Medical Social Worker <ul style="list-style-type: none"> 1. Description of work 2. Specific characteristics required <ul style="list-style-type: none"> a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities <ul style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	Lecture	Discussion	Nat'l Committee for Social Work Careers, 2 Park Ave. New York, N.Y. 10017
1 hour	C. Psychiatric Social Worker <ul style="list-style-type: none"> 1. 2. 3. Same as above 4. 5. 	Interview speaker	Read and discuss	Council on Social Work Educ. 345 East 46th Street New York, N.Y. 10017
		Speaker - Medical social worker	Book: "A Definitive Study of Your Future in Social Work". Bertram Beck. Dec. 1968 - 163 pp. \$2.79	Richards Rosen Press, Inc. 29 East 21st Street New York, N.Y. 10010
			Film: "The Social Worker" 17 min., color, 1967, rental	Universal Education & Visual Arts 221 Park Ave. South New York, N.Y. 10003
			Film "Harlem Crusader" 29 min., B/W, 1965 rental	Films Inc. 733 Greenbay Road Wilmette, Ill. 60091
				Nat'l Committee for Social Work Careers 2 Park Avenue New York, N.Y. 10016
			See page 48 for field trip to psychiatric hospital	Interview social worker in psychiatric setting

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UNIT 9 SOCIAL SERVICE CLUSTER (Cont'd)		BEST COPY AVAILABLE	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS' BEHAVIORAL ACTIVITIES (Assignments)
	D. Social Service Aide (Community Health Aide, Family Health Worker, Health Assistant/Aide) 1. Same as under Medical 2. Same as under Medical 3. Social Worker 4. 5.	Films "People Who Care" 16 min. or "Call it Rehabilitation" 33 min. or "The Critical Decades" 29 min. or "The Task We Face" 15 min. or "Public Health and The Retarded Child" 22 min.	List five forms of therapy shown in films 48
1 hour	E. Social Work Technician (Social Work Associate, Social Aide) 1. 2. 3. Same as above 4. 5.	Film "By Chance or By Choice" 26 min.	Discuss work of aide or technician shown in film
1 hour	F. Homemaker 1. 2. 3. Same as above 4. 5.	Lecture 48	Nat'l Council for Home- maker Service 1740 Broadway New York, N.Y. 10019 Booklet "Career Oppor- tunities in Homemaker Home Health Aide Service"
			Read and discuss Local Homemaker Service

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UNIT 9 SOCIAL SERVICE CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
		<p>Booklet "Visiting Home-maker Service Manual"</p> <p>Show film "The Home Health Aide" 20 min., color, sound, 1967</p> <p>G. Home Health Aide</p>	<p>Read and discuss</p> <p>Discuss the advantages of being a home health aide</p>	<p>N.J. Dept. of Health John Fitch Plaza Trenton, N.J. 08625</p> <p>The American Journal of Nursing Co. Educational Service Division Film Library 267 West 25th Street New York, N.Y. 10001</p>

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UNIT 10 DRUG THERAPY CLUSTER	HOURS (approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
		Introduction to Occupations Related to Drug Therapy			<p>American Society of Hospital Pharmacists, 2215 Constitution Avenue, N.W., Washington, D.C. 20037 or 4630 Montgomery Ave. Washington, D.C. 20011</p> <p>American Society Pharmacology and Exp. Therapeutic Inc. 2650 Rockville Pike Bethesda, Md. 20014</p> <p>Careers P. O. Box 135 Largo, Florida 33540</p> <p>Interview guest speaker Contact Local Pharmacologist</p> <p>Guest Speaker: Pharmacologist</p> <p>Quarterly magazine "Pharmacy News" free</p> <p>Film: "Go Pharmacy" 15 min., color, 1971, free which a pharmacist can work</p> <p>Corporate & Community Relations Dept.</p> <p>Parke, Davis & Co.</p> <p>Joseph Campau at the River Detroit, Mi 48232</p>

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UNIT 10 DRUG THERAPY CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS' BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
4 hours			Observe, discuss, question	American Pharmaceutical Ass. 2215 Constitution Ave., N.W. Washington, D.C. 20007
1 hour	Plan field trip to pharmaceutical company		List drugs kept in each student's home	N.J. Pharmaceutical Ass. 118 W. State Street Trenton, N.J. 08618
	<u>Hands on Experience</u> Have students take an inventory of drugs at their home. Discuss use, hazards and discard of each.			Upjohn Company 700 Portage Road Kalamazoo, MI 49001
	Booklet "What Is a Pharmacist?" 5 pp., free, 1966		Read and discuss	Assoc. Talking Picture Service, 1234 Spruce St. Phila., Pa. 19107 or 315 Springfield Ave. Summit, N.J. 07901
			Describe local pharmacies in your neighborhood	Assoc. Sterling Files, 347 Madison Avenue New York, N.Y. 10017
	Show film "Bartlett and Son" 35 min., color, sound, 16mm., free or			Assoc. Sterling Files (See above)
	"Design for Life" 1956 19 min., color, sound, 16mm. or		"This is Pharmacy" 27 min. color, sound, 16mm. or	Assoc. Sterling Files 43 W. 61st Street New York, N.Y. 10023
	5.			The Narcotic Ed. Foundation of America 5055 Sunset Blvd. Los Angeles, Calif. 90027
	D. Pharmacy Technician			
	1.			
	2.			
	3.			
	4.			
	5.			
	E. Pharmacy Aide			
	1.			
	2.			
	3.			
	4.			
	5.			
1 hour				

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UNIT 11 REHABILITATIVE CLUSTER		HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	SOCIAL BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	Introduction to Occupations related to rehabilitative therapy		A. Overview This team is vitally involved in the treatment and rehabilitation of the patient. The physiatrist is the medical doctor who specializes in rehabilitative medicine and heads this team.	Lecture Show film "Diary of Connie McGregor" B/W sound, 16mm, 1963	Discussion List 3 rehabilitative areas shown in the film	Assn. for Physical and Mental Rehabilitation 105 St. Lawrence Rehoboth Beach, DE 19971
1 hour	B. Occupational Therapy		1. Occupational Therapist a. Description of work b. Specific characteristics required	Film "Armed Forces Medical Specialist" 14 min., color, 16mm "The O.T. Story" 22 min.	Name three duties shown for each therapist shown in film Same as above	Arnold Eagle 41 West 41st Street New York, N.Y. 10036 Dept. of Army A-V Section The Pentagon Washington, D.C. 20301
			c. Educational requirements d. Licensure or certification e. Employment opportunities	Booklet "Can You Deal with These Problems?"	Read and discuss	American O.T. Assn. 251 Park Ave. South New York, N.Y. 10010 Same as above

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Unit 1: REHABILITATIVE CLUSTER (Cont'd)

HOURS (approx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
2 hours	2. Occupational Therapy Assistant a. Same as under Occupational Therapist b. c. d. e.	"Target" 12 min., color, 16mm. 1965	Discuss file	American O.T. Assn 251 Park Ave., South New York, N.Y. 10010 Same as above
2 hours	3. Occupational Therapy Aide a. b. c. Same as above d. e.	"To Pick a Life" 7 min., color sound, 16mm. 1964	Discuss file	Students will perform one type of O.T.
1 hour	c. Physical Therapy 1. Physical Therapist a. Description of work b. Specific characteristics required 2. Rotational c. Educational requirements	Demonstrate waffle weaving, crocheting, or knitting. This part could also be taught by an Occupa- tional Therapist	Lecture Discussion	American P.T. Assn. Physical Therapy Assn. 201 Pleasant Valley Way West Orange, N.J. 07052 Discuss the advantages shown in the film of becoming a Physical Therapist
53	2 hours			

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UNIT 21 REPARATIVE CLINICER (Cont'd.)			
HOURS (Aprox.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assessments)
			REFERENCES
	<p>d. Licensure or certification</p> <p>e. Employment opportunities</p> <ol style="list-style-type: none"> 1.) Location 2.) Working conditions 3.) Financial rewards 4.) Other rewards 5.) Future outlook 	<p>"The Return" 33 min. or "Within Your Hands" 16 min. B/W, sound, 16 min</p> <p>or Give each student potato and peeler</p> <p>Try to peel potato with one hand</p>	<p>S.C. State Board of Health, Film Library Marion Sims Bldg. Columbia, S.C. 29201</p> <p>American P.T. Assn. 2057 Bregg Street Brooklyn, N.Y. 11229</p> <p>Discuss the career possibilities in Physical Therapy</p> <p>Same as above</p> <p>Read and discuss Booklet "Your Future and Physical Therapy" free, 2 pp.</p>
			<p>Divide students in pairs - return demonstrations</p> <p>Demonstrate range of motion for one extremity</p>

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11 REHABILITATIVE CLUSTER (Cont'd)		BEST COPY AVAILABLE		
HOURS (approx.)	CONTENT	INSTRUCTORS ACTIVITIES (A.T.A.'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assigments)	REFERENCES
4 hours	D. Corrective Therapist <ol style="list-style-type: none"> 1.. Description of work 2. Specific characteristics required <ol style="list-style-type: none"> a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities <ol style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	Plan field trip to a psychiatric or county hospital. See Unit 9.	Tour O.T., P.T. and Vocational Rehabilitation Units - discuss observations seen during tour	American P.T. Assn. 1156 15th Street, N.W. Washington, D.C. 20005
1 hour	E. Rehabilitation Counselor <ol style="list-style-type: none"> 1. 2. 3. Same as above 4. 5. 	Guest Speaker: Corrective Therapist Speaker	Local Veterans Hospital Students interview	American Rehabilitation Counselor Association 1605 New Hampshire Ave. Washington, D.C.

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<u>UNIT 11 REHABILITATIVE CLUSTER (Cont'd)</u>		<u>BEST COPY AVAILABLE</u>		
<u>HOURS (Approx.)</u>	<u>CONTENT</u>	<u>INSTRUCTORS ACTIVITIES (AVA'S)</u>	<u>STUDENT BEHAVIORAL ACTIVITIES (Assignment's)</u>	<u>REFERENCES</u>
1 hour	F. Home-making Rehabilitation Consultant	Guest speaker. Show students laborsaving household equipment and shortcuts for household routines.	Observe, ask questions handle and use equipment	N.J. Rehabilitation Commission Labor & Industry Bldg. John Fitch Plaza Rm. 1005 Trenton, N.J. 08625
4 hours	G. Hospital Librarian or Reading Therapist	Shop film "The Road Back," 23 min. B/W - Sound, 1965	List 4 ways the visiting nurse helped with rehabilitation	American Home Economics Assn. 1600 20th St., N.W. Washington, D. C. 20009
56	H. Music Therapist	Plan field trip to hospital library (psychiatric, veteran, children's etc.)	Discuss activities of job with librarian	American Red Cross 17th and D Streets Washington, D.C. 20006
		1. Same as under 2. Same as above 3. Same as above 4. Corrective Therapy 5.	1. Same as above 2. Same as above 3. Same as above 4. Same as above 5.	Medical Library Assn. 919 N. Michigan Street Suite 1601 Chicago, Ill. 6C610
				American Library Assn. 50 E. Huron Street Chicago, Ill. 60611
				Contact Hospital Music Therapist
				Observe and ask questions

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UNIT 11 REHABILITATIVE CLUSTER (Cont'd)

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		STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL'S)	REFERENCES
		Booklet "Music Therapy as a Career" 1969, free 4 pp	Nat'l Assn. for Music Therapy, Inc. P. O. Box 610 Lawrence, Kansas 66044
		Film "Music Therapy Intern-Describe the work of ship" 20 min., B/W, 1967, the music therapist as free	Nat'l Medical Audiovisual Center (Annex) Station K Atlanta, Georgia 30324
		Include recreational therapy dept. in above trip. Therapist will discuss recreational therapy	Consulting Service on Recreation for III and Handicapped Nat'l Recreation & Park Assn., 8 West 8th St. New York, N.Y. 10011 and 1700 Pennsylvania Ave. N.W., Washington, D.C. 20006
		I. Recreational Therapist 1. Same as under 2. Corrective Therapy 3. 4. 5.	Nat'l Assn. for Recreational Therapists, Inc. Eastern State Hospital Vinita, Okla. 74303
		Booklet "The Recreational Therapist" 1968 Free 4 pp.	Nat'l Assn. for Mental Health, 10 Columbus Circle New York, N.Y. 10019
		J. Speech Therapist - See Unit 13	

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UNIT 11 REHABILITATIVE CLUSTER (Cont'd)			
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)
hours K.	K. Other Related Occupations <ol style="list-style-type: none"> 1. Prosthetist and Orthotist <ol style="list-style-type: none"> a. Description of work b. Specific characteristics required c. Physical d. Functional requirements e. Educational requirements f. Licensure or certification g. Employment opportunities <ol style="list-style-type: none"> 1. Location 2. Working conditions 3. Financial rewards 4. Other rewards 5. Future outlook 	Guest speaker-Display of artificial limb, braces, supports and other orthopedic appliances <ol style="list-style-type: none"> 1. Film "Men and Mobility" 17 min. Color. Sound 16 mm 	Observe, handle equipment, discuss, question <ol style="list-style-type: none"> 1. Discuss the advantages of this health field shown in the film
			American Board of Certification of the Prosthetic and Orthopedic Industrial Association Inc., 411 Association Bldg. 1145 19th Street Washington, D.C. 20006 <ol style="list-style-type: none"> 1. Discussion 2. Prosthetist technician/aide 3. Orthotist technician/aide 4. Same as above 5. e.

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WNT 12 HEALTH OCCUPATIONS RELATED TO COMMUNICATIONS SKILLS CLUSTER		<u>BEST COPY AVAILABLE</u>	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (ATA'S)	STUDENTS BEHAVIORAL ACTIVITIES (assignments) REFERENCES
	Introduction to Occupations related to Communications Skills		Contact your local hospital
2 hours	<p>A. Overview</p> <p>A team of workers who coordinate activities of community agencies with services of the health facility</p> <p>B. Volunteer Services</p> <ol style="list-style-type: none"> 1. Director of Volunteer Services a. Description of work b. Specific characteristics required <ul style="list-style-type: none"> 1.) Physical 2.) Emotional c. Educational requirements d. Licensure or certification e. Employment opportunities <ul style="list-style-type: none"> 1.) Location 2.) Working conditions 3.) Financial rewards 4.) Other rewards 5.) Future outlook 	<p>Lecture</p> <p>Guest speaker-Director of volunteer services from a local hospital</p> <p>Discussion</p> <p>Disease advantages and disadvantages of occupation</p> <p>Film "Volunteers in Hospitals" B/W, 15 min.</p> <p>Rental fee</p> <p>Discuss the role of the volunteer as portrayed in the film</p>	<p>American Hospital Assn. 840 N. Lake Shore Drive Chicago, Ill. 60611</p>

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UNIT 12 HEALTH OCCUPATIONS RELATED TO COMMUNICATION SKILLS CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)		REFERENCES
1 hour	<p>2. Volunteer Workers (Gray Ladies, Minute Men, Jans, Red Coats)</p> <ul style="list-style-type: none"> a. Same as under b. Director of Volunteers c. Services d. Services e. <p>c. Health Information Specialist/Science Writer</p> <ol style="list-style-type: none"> 1. Description of work 2. Specific characteristics required <ul style="list-style-type: none"> a. Physical b. Motational <p>3. Educational requirements</p> <p>4. Licensure or certification</p> <p>5. Employment opportunities</p> <ul style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	<p>Show film "A Gift of Time" 25 min., 1957, rental \$10.00 or</p> <p>"Volunteers in Hospitals" 15 min. B/W, rental \$5.00</p>	<p>Describe 5 duties performed by volunteers</p> <p>Same as above</p>	<p>American Hospital Assn. 640 North Lake Shore Drive Chicago, Ill. 60611</p> <p>Same as above</p>	<p>American Hospital Assn. 640 North Lake Shore Drive Chicago, Ill. 60611</p> <p>Same as above</p>
	<p>c. Health Information Specialist/Science Writer</p> <ol style="list-style-type: none"> 1. Description of work 2. Specific characteristics required <ul style="list-style-type: none"> a. Physical b. Motational <p>3. Educational requirements</p> <p>4. Licensure or certification</p> <p>5. Employment opportunities</p> <ul style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	<p>Booklet "A Guide to Careers in Science Writing" 8pp, free,</p> <p>Give Assignment</p> <p>Write and act out a spot announcement for T.V. on a current health problem (ex. V.D., drugs, pollution)</p> <p>Arrange a bulletin board display or have students make permanent booklets</p>	<p>State information learned on radio or T.V. about health field</p> <p>Read and discuss</p> <p>Same as above</p>	<p>Nat'l Assn. of Science Writers, Inc. 73 Carlton Ave., Apt. 18A Port Washington, N.Y. 11050</p>	<p>Same as above</p>

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UNIT 22 HEALTH OCCUPATIONS RELATED TO COMMUNICATION SKILLS CLUSTER (Cont'd)		STUDENTS BEHAVIORAL ACTIVITIES (Assignment)		REFERENCES	
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)			
1 hour	D. Hospital Chaplain	Booklet "Health Education as Your Career" Book: "Your Future in Technical and Science Writing" By Emerson Clarke and Vernon Roet 160 pp. 1972, \$3.99	Read and discuss Guest speaker - Chaplain	Richards Rosen Press 29 E. 21st Street New York, N.Y. 10010	American Assn. for Health, Physical Education and Recreation, N.E.A. 1201 6th Street, N.W. Washington, D.C. 20006
	E. Hospital Public Relations Director	1. Same as under Health Specialist/ 2. Info. Specialist/ 3. Science Writer	Interview by students Discussion	Chaplain's department. Contact local hospital.	The Information Center Public Relations Society of America, Inc. 845 Third Avenue New York, N.Y. 10022
1 hour	F. Public Health Educator / School Health Educator	1. Same as above 2. Same as above 3. Same as above 4. Same as above	Lecture Lecture	Discussion Discussion	Society of Public Health Educators, Inc. 419 Park Avenue, South New York, N.Y. 10016

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CMT 12 HEALTH OCCUPATIONS RELATED TO COMMUNICATION SKILLS CLUSTER (Cont'd)		STUDENT'S BEHAVIORAL ACTIVITIES (Assignment)		BEST COPY AVAILABLE
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAs)	ACTIVITIES (Assignments)	REFERENCES
				American Assn. for Health, Physical Education and Recreation 1201 16th Street, N.W. Washington, D.C. 20036
				Health Careers Information N.Y. State Dept. of Health Box 200 Albany, N.Y. 12203
				American Statistical Assn. 810 18th St., N.W. Washington, D.C. 20006
				Biological Photograph Assn., Inc., P. O. Box 12866 Philadelphia, Pa. 19108
				Assoc. of Medical Illustrators University of Nebraska College of Medicine 42nd & Dewey Avenue Omaha, Nebraska 68105
				Assoc. of Medical Illustrators 738 Keystone Ave. River Forrest, Ill. 60305

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UNIT 13 OCCUPATIONS RELATED TO SPECIAL SENSES CLUSTER

UNIT (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL.)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
4 hours	<p>Introduction to occupations related to Special Senses</p> <p>A. Overview</p> <p>These special senses and treat problems related to the special senses.</p> <p>B. Ear Therapist</p> <ol style="list-style-type: none"> 1. Audiologist <ol style="list-style-type: none"> a. Description of work b. Specific characteristics required <ol style="list-style-type: none"> 1.) Physical 2.) Emotional 3.) Educational requirements c. Licensure or certification e. Employment opportunities <ol style="list-style-type: none"> 1.) Location 2.) Working conditions 3.) Financial rewards 4.) Other rewards 5.) Future outlook 	<p>Lectures</p> <p>Demonstrate audiometer. Use students for demonstration</p> <p>1.) Physical</p> <p>Film "Your Ears and Hearing" 11 min.</p> <p>Film "Breaking the Sound Barrier" 28 min., color, 1968, free</p> <p>Arrange with school nurse for rotating students, one or two at a time to assist during routine audiometric testing</p>	<p>Discussion</p> <p>Observe and discuss</p> <p>Discuss film</p>	<p>American Assn. of Ophthalmology 1100 17th Street, N.W. Washington, D.C. 20036</p> <p>N.J. State Dept. of Health John Fitch Plaza Trenton, N.J. 08625</p> <p>Association-Sterling Files 866 Third Avenue New York, N.Y. 10022</p> <p>Local school nurse</p>

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HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)		STUDENTS BEHAVIORAL ACTIVITIES (Assessments)	REFERENCES
		INSTRUCTORS	ACTIVITIES (AVA'S)		
4 hours	<p>2. Audiology Technician</p> <ul style="list-style-type: none"> a. b. c. Same as above d. e. <p>C. Eye Therapist</p> <ul style="list-style-type: none"> 1. Optician a. b. c. Same as under d. Audiologist e. 	<p>Booklet "Hearing and Speech Careers" 1967. 8pp free</p> <p>Film "Ophthalmic Careers: Ophthalmology" 17min., color, 1969, Rental</p> <p>Plan field trip to large optical establishment</p>	<p>Lead and Discuss</p> <p>Name six careers in the field of ophthalmology</p> <p>Observe and discuss lens grinding and assembling lens into frames</p>	<p>Nat'l Assn of Hearing & Speech Agencies 919 18th Street, N.W. Washington, D.C. 20006</p> <p>Films Incorporated 733 Greenbay Road Wilmette, Ill. 60091</p> <p>American Board of Opticianry, 821 Eggert Road Buffalo, N.Y. 14226</p>	<p>Nat'l Society for the Prevention of Blindness 79 Madison Avenue New York, N.Y. 10016</p> <p>Encyclopedia Britannica Ed. Corp., Dept. 10-A 425 N. Michigan Avenue Chicago, Ill., 60611</p> <p>Guild of Prescription Opticians of America, Inc. 1250 Connecticut Ave., N.W. Washington, D.C. 20036</p>
	<p>2. Optical Technician</p> <ul style="list-style-type: none"> a. b. c. Same as under d. Audiologist e. 		<p>Read and discuss</p> <p>Describe the work of an optician</p> <p>Give each student a ruler used by opticians</p> <p>Measure taking facial measurements for glasses</p>		

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UNIT 13 OCCUPATIONS RELATED TO SPECIAL SENSES CLUSTER (Cont'd)	HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
	4 hours	D. Optometrist	Book "Your Future as an Optician" by Hans Hirschborn 158pp., 1970, \$3.99	Read and discuss	Richards Rosen Press 29 E. 21st St. New York, N.Y. 10010
		1.	Demonstrate machine used in testing of eyes as well as Snellen test	Students paired off and test each other	American Optometric Assn. 7000 Chippewa St. St. Louis, MO 63119
		2.			N.J. Optometric Assn. Public Information Office 514 Greenwood Avenue Trenton, N.J. 08609
		3.			
		4.			
		5.	Booklet "What is an Optometrist" free, 4pp	Read and discuss	
			Film "A Career with Vision" 14 min., sound color, free	Discuss the work of the optometrist and the requirements of the profession	
		E. Optometric Technician	Arrange with school nurse for students to assist during eye screening	Help school nurse with eye screening tests	
		1.		Observe and discuss	
		2.			
		3.			
		4.			
		5.	Booklet "Optometry for You" free	Read and discuss	
	1 hour	F. Therapists related to Ophthalmology	1. Orthoptist	N.J. Optometric Assn. Public Information Office 514 Greenwood Avenue Trenton, N.J. 08609	
			a.	American Orthoptic Council 3400 Massachusetts Ave. N.W. Washington, D.C. 20007	
			b.		
			c.		
			d.		
			e.		
				Observe and discuss	
				Demonstration of eye muscle exercises by an orthoptist	

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UNIT 13 OCCUPATIONS RELATED TO SPECIAL SENSES CLUSTER (Cont'd)		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
				American Assn. of Certified Orthoptists University of Calif. San Francisco Medical Center San Francisco, Calif. 94122
1 hour	<p>2. Orthoptic Technician / Assistant</p> <p>a.</p> <p>b.</p> <p>c. Same as above</p> <p>d.</p> <p>e.</p> <p>3. Ophthalmic Technician</p> <p>a.</p> <p>b.</p> <p>c. Same as above</p> <p>d.</p> <p>e.</p> <p>4. Speech Therapist</p> <p>1.</p> <p>2.</p> <p>3. Same as above</p> <p>4.</p> <p>j.</p>	<p>Booklet "A Career in Orthoptics" 1968, free 4pp</p> <p>Guest speaker - tapes of therapy between patient and speech therapist</p> <p>Prepare tapes of student's speech</p> <p>16 min., B/W, 1966, Rental \$4.00</p>	<p>Read and discuss</p> <p>Listen, discuss, question</p> <p>Speak on tape & listen to playback. Discuss differences</p>	<p>Nat'l Assn. of Hearing and Speech Agencies 919 18th Street, N.W. Washington, D. C. 20006</p> <p>N.J. Academy of Ophthalmology & Otolaryngology 406 Cooper Street Camden, N.J. 08102</p> <p>Film "In Terms of Speech" 16 min., B/W, 1966, Rental \$4.00</p> <p>Discuss two speech problems portrayed in the film</p>

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UNIT 11 RESEARCH SCIENCE CLUSTER		HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAILABILITY)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
		1 hour	Introduction to Occupations related to Research	A. Overview A group of workers with special skills related to the problems of health and disease prevention	<p>Describe feelings towards tour of lab shown in film</p> <p>Name two methods of research used by scientists</p> <p>Discuss the work of scientist shown in the film</p>	<p>Modern Talking Picture Service, 1231 Spruce St. Philadelphia, Pa. 19107</p> <p>Science Service 1719 N. Street, N.W. Washington, D.C. 20036</p> <p>American Heart Assn. Film Library 267 West 25th Street New York, N.Y. 10001</p>
		1 hour		<p>A. Overview A group of workers with special skills related to the problems of health and disease prevention</p> <p>Film "A Story with No End" 20 min., color, 16mm, free or</p> <p>Film "Decision for Research" or</p> <p>Film "Of Men and Minds" 29 min. 1968 Free</p>	<p>Guest speaker</p> <p>Booklet "Chemistry and Your Career"</p> <p>Read and discuss</p> <p>Booklet "Careers in Biology" 1967, free</p>	<p>American Society of Biological Chemists 9650 Rockville Pike Bethesda, Md. 20014</p> <p>American Chemical Society 1155 16th Street, N.W. Washington, D.C. 20006</p> <p>American Institute of Biological Sciences 3900 Wisconsin Ave., N.W. Washington, D.C. 20418</p>

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UNIT 14 RESEARCH SCIENCE CLUSTER (Cont'd)					
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	PREFERENCES	
C.	Biophysicists 1. Same as under Bio- 2. chemists 3. 4. 5.	Booklet "Biophysicist" 1968, 2pp, 15¢	Read and discuss	Careers, P. O. Box 135 Largo, Florida 33540	
D.	Bacteriologist 1. 2. 3. Same as above 4. 5.	Film "A Career in Bacteriology" 15 min., color, sound, 16mm	List four opportunities shown in the film for bacteriologists	Indiana University Audio Visual Center Bloomington, Indiana	
E.	Anatomist 1. 2. 3. Same as above 4. 5.	Guest speaker	Interview guest speaker	American Institute of Biological Sciences 3900 Wisconsin Ave., N.W. Washington, D.C. 20016	
F.	Physiologist 1. 2. 3. Same as above 4. 5.	Booklet "Your Career in Anatomy"	Read and discuss	University of Michigan Dept. of Anatomy Ann Arbor, Michigan	
		Lecture	Discussion	American Physiological Society 9650 Rockville Pike Bethesda, Maryland 20014	
				Same as above	
				Tour Medical Research Laboratory	Contact Local Laboratory
				Plan field trip	hours

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<u>UNIT 14 RESEARCH SCIENCE CLUSTER (Cont'd)</u>		<u>BEST COPY AVAILABLE</u>		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	G. Microbiologist 1. Same as under Biochemists 2. Same as under Biochemists 3. Biochemists 4. 5.	Booklet "Microbiologist" Prepare slides of organisms	Read and discuss View organism through microscope	Health Careers of Ohio P.O. Box 5574, Columbus, OH 43221 American Society for Microbiology, 1913 First St., N.W. Washington, D.C. 20036
1 hour	H. Pathologists 1. 2. 3. Same as above 4. 5.	Lecture Booklet "A Career in Medical Science Pathology" 1966, free, 32pp	Discussion Read and discuss Read and discuss	College of American Pathologists Prudential Plaza Suite 2115 Chicago, Ill. 60611 National Health Council 1720 Broadway New York, N.Y. 10019
	I. Toxicologists 1. 2. 3. Same as above 4. 5.	Guest speaker	Interview	The American Sociological Association 1755 Massachusetts Ave., N.W. Washington, D.C. 20036
	J. Health Sociologist 1. 2. 3. Same as above 4. 5.		Read and discuss Hand out literature received from reference	U.S. Civil Service Commission 1900 E Street, Washington, D.C. 20415
			Read and discuss	Booklet "Professional Opportunities for Social Scientists" 1968 free 5 pp

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UNIT 14 RESEARCH SCIENCE CLUSTER (Cont'd)	HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
K.	Immunologists	1. 2. 3. Same as under 4. Biochemists 5.	Prepare questions for students to ask of this health worker during tour of Research Laboratory	Observe and ask questions of this worker during field trip	American Institute of Physics 335 East 45th Street New York, N.Y. 10017
L.	Virologists	1. 2. 3. Same as above 4. 5.	Lecture	Discussion. Observe this worker during field trip	Medical Engineering & Electronics 2 East 63rd Street New York, N.Y. 10016
M.	Medical Engineer/Health Physicist	1. 2. 3. Same as above 4. 5.	Booklet "Physics as a Career"	Read and discuss	Nat'l Society of Prof. Engineers 2029 K Street, N.W. Washington, D.C. 20006
70	1 hour				
N.	Medical Engineer Tech./ Health Physics Tech.	1. 2. 3. Same as above 4. 5.	Booklet "Engineering, A Career of Opportunity"	Read and discuss	

Orientation to Health Occupations

UNIT 14 RESEARCH SCIENCE CLUSTER (Cont'd)

HOURS (approx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assimilations)	REFERENCES
0.	Medical Librarian 1. 2. 3. Same as under Biochemists 4. 5.	Lecture Booklet "Medical Librarian." 1968, 4pp 45¢	Discussion	Medical Library Assn., Inc. 919 N. Michigan Street Suite 16C1 Chicago, Ill. 60611
1 hour	Technical Writer 1. 2. 3. Same as above 4. 5.	Lecture Booklet "Technical Writer" 1968, 35¢ 7pp	Read and discuss Discussion	Science Research Assn., Inc. 259 East Erie Street Chicago, Ill. 60611 Society of Technical Writers & Publishers, Inc. P.O. Box 3706 Beechwood Station Columbus, Ohio 43214 Careers P.O. Box 135 Largo, Florida 33540

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UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER		STUDENTS BEHAVIORAL ACTIVITIES (Assignments)			REFERENCES
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (A-V'S)			
2 hours	<p>Introduction to Occupations related to Community and Environmental Health</p> <p>1. Community Health</p> <p>A group of workers who deal with the health of the community</p> <p>B. Public Health Admin.</p> <p>1. Description of work</p> <p>2. Specific characteristics required</p> <ul style="list-style-type: none"> a. Physical b. Emotional <p>3. Educational requirements</p> <p>4. Licensure or certification</p> <p>5. Employment opportunities</p> <ul style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook 	<p>Lecture</p> <p>Discussion</p>	<p>Film "Journey to Medicine" 20 min. B/W, 16mm, free loan</p> <p>Booklet "Your Career in Public Health" 1966, free, 35 pp</p> <p>Film "Health in Our Community" 13 min., color, 1969, rental or</p> <p>"Not as a Privilege" 29 min., color, 1969, free</p>	<p>Discuss advantages of choosing public health as an occupation</p> <p>Read and discuss</p> <p>Discuss your community health problems</p> <p>Describe the neighborhood Health Center portrayed in the film</p>	<p>U.S. P.H. Service A-V Facility Nat'l Communicable Disease Center Atlanta, Ga. 30333</p> <p>Calif. State Dept. of Public Health 215 Berkeley Way Berkeley, Calif. 94704</p> <p>Encyclopedia Britannica Educational Corporation 1822 Pickwick Avenue Glenview, Ill. 60025</p> <p>Modern Talking Pictures 2323 New Hyde Park Road New Hyde Park, N.Y. 11040</p>

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UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER (Cont'd)	HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENT'S BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
C. Public Health Statistician/ Biostatistician		Booklet "Careers in Statistics"		Read and discuss	American Statistical Assn. Room 703 810 18th Street Washington, D.C. 20006
1.	2. Same as under Public Health Administrator				National Center of Health Statistics, U.S. Public Health Service, Dept. of H.E.W., Room 10066, Washington, D.C. 20201
3.	4.				American Journal of Nursing Co., Educ. Services Division, Film Library, 267 West 25th St., N.Y., N.Y. 10001
5.					American Red Cross 17th and D Street Washington, D.C. 20006
D. Public Health Nurse				Discuss the role of the visiting nurse as shown in the film	American Nurses Assn. 267 West 25th Street New York, N.Y. 10001
1.	2.	Shot film "Long Day's Journey". 29 min., B&W, sound, 1953, (Guide) Discussion	or	"The Road Back". 23 min., B&W, sound, 1966	Discuss the role of the Public Health Nurse in the film
3.	4.			or "Almost a Miracle" 26 min. color, 1964, Rental \$6.50	Lecture
5.		Refer also to Public Health Nurse under Patient Care Cluster			Discussion
E. Health Officer				Guest speaker: Health Officer	Contact Local Health Officer
1.	2.	1.	2.	3.	4.
3.	4.	3.	4.	5.	
F. Public Health Educator (See Unit 12)				Interview speaker	

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UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER (Cont'd)		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
4 hours	G. Community Health Planner 1. Same as under Public Health Administrator 2. Same as above 3. Same as above 4. Same as above 5.	Plan field trip to community health dept.	Discuss observations following trip	Local Community Health Dept.
	H. Community Health Worker (see Social Service Cluster) 1. Same as above 2. Same as above 3. Same as above 4. Same as above 5.			American Public Health Assoc. 1740 Broadway New York, N.Y. 10019
2 hours	I. Sanitarian 1. Same as above 2. Same as above 3. Same as above 4. Same as above 5.		Draw large map of county or city	Student's will pinpoint major community facilities on map
1 hour	J. Emergency and/or Disaster Specialist 1. Same as above 2. Same as above 3. Same as above 4. Same as above 5.		Film "Crisis...Blueprint for Communication" 17 min., B/W, 1966, Rental \$4.00	Answer question: "How did workers behave during disaster?"
			"Disaster Plan" 16 min. color, 1958, free	Abbott Laboratories Film Service Dept. North Chicago, Ill.

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UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER (Cont'd)		<u>BEST COPY AVAILABLE</u>			
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (A-V'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES	
	K. Community Health Volunteers (Red Cross, Civil Defense, Rescue Squad, Fire Dept.). Voluntary Agency (Cancer, Heart, etc.)	Booklet "Panic or Plan?" and Film "Emergency 77" 14 min., 16mm, B/W, sound, free	Name three ways to prevent emergencies Survey community for resources. Discuss Findings Prepare outline for use during survey. If time permits, invite a volunteer agency to present material and resources available. 1. Same as Public Health 2. Administrator 3. 4. 5.	Local Volunteer Agency Metropolitan Life Insurance Company 1 Madison Avenue New York, N.Y. 10010	
2 hours	2. <u>Environmental Health</u>	A. Overview A group of workers dealing with community health who specialize in environmental factors		U.S.P.H. Service A-V Facility Nat'l Communicable Disease Center Discuss film Film "Watch on Health" 13 min., color, sound, free or "Engineering Your Health" 13 min., color, sound, 16mm, 1958, free	Atlanta, Ga. 30333 Same as above

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<u>UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER (Cont'd)</u>		<u>BEST COPY AVAILABLE</u>		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (ASSESSMENTS)	REFERENCES
B.	Industrial Hygienist	Lecture	Discussion	American Industrial Hygiene Association 11125 Pacvoost Street Detroit, Michigan 48227
	1. 2. 3. Same as above 4. 5.	Booklet "Industrial Hygienist" 1966, 4 pp, free	Read and discuss	Industrial Hygiene Division U.S. Public Health Serv. Washington, D.C. 20225
C.	Venereal Disease Control Worker	Film "A Respectable Neighborhood" 25 min., B/W	Discuss film	N.J. State Museum Ext. Service, Dept. of Ed., P.O. Box 1868 Trenton, N.J. 08625
	1. 2. 3. Same as above 4. 5.	Booklet "What you should know about Gonorrhea" & "What you Should know about Syphilis"	Read and discuss	N.J. Dept. of Health John Fitch Plaza Trenton, N.J. 08625
D.	Safety Engineer	Plan field trip to local water filtration plant, local sewage plant, or poison control center.	Observe, discuss, and question	Health Education Service P.O. Box 7283 Albany, N.Y. 12224
4 hours			Contact local plants	American Society of Safety Engineers 850 Busse Highway Park Ridge, Ill. 60068

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UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER (Cont'd)	HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)
			STUDENT BEHAVIORAL ACTIVITIES (Assignments)
E. Sanitarian (Environmental Scientists/Epidemiologists)			<p>Booklet "Your Future in Safety Engineering" 1965, free, 12pp.</p> <p>Lecture</p> <p>Booklet "The Professional Sanitarian" free, 14 pp.</p> <p>Film "Engineering Your Health" 14 min., color, 1958, free</p>
			<p>1. Same as above</p> <p>2. Same as above</p> <p>3. Same as above</p> <p>4. Same as above</p> <p>5. Same as above</p>
F. Environmental Health Technician			<p>Name four opportunities within the profession of sanitary engineering</p> <p>Participate in game</p> <p>Simulation Game: <u>Smog or Dirty Water</u> <u>Free Loan</u></p>
			<p>1. Same as above</p> <p>2. Same as above</p> <p>3. Same as above</p> <p>4. Same as above</p> <p>5. Same as above</p>
			<p>Film "All the Difference" 16 mm, 20 min., color, free</p> <p>Discuss the pollution crisis portrayed in the film.</p>

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UNIT 15 COMMUNITY AND ENVIRONMENTAL HEALTH CLUSTER (Cont'd)	HOURS (Approx.)	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)
3 hours		Air pollution or microbiology kit	Do experiments in kit
1 hour	G.	Sanitary Engineer 1. Same as under Public 2. Same as under Public 3. Health Administrator 4. 5.	Discussion Lecture

"Environmental Pollution:
Our World in Crisis"
 film strips, fee

Booklet "A Career
 Opportunity in
Environmental Health"
 4 pp., free

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UNIT 16 OTHER OCCUPATIONS CLUSTER		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	<p>A. Overview This is a group of miscellaneous health workers who do not fit into a particular cluster</p> <p>B. Medical Photography</p> <ol style="list-style-type: none"> 1. Medical Photographer <ol style="list-style-type: none"> a. Description of Work b. Specific characteristics required <ol style="list-style-type: none"> 1) Physical 2) Emotional c. Educational requirements d. Licensure or certification e. Employment Opportunities <ol style="list-style-type: none"> 1) Location 2) Working conditions 3) Financial rewards 4) Other rewards 5) Future outlook 	<p>Read and discuss</p> <p>Book "Your Future in Medical Illustrating: Art and Photography" by Julia and Massy Makamura 160 pp. 1971, \$3.99</p> <p>Film "Cameras and Careers" 28 min., color sound, 16 mm., free</p>	<p>Richards Rosen Press 29 E. 21st St. N.Y., N.Y. 10010</p> <p>Name three careers in the field of photography</p>	<p>Audio Visual Service Eastman Kodak Co. 343 State Street Rochester, N.Y. 14650</p> <p>Read and discuss</p> <p>Booklet "Medical Illustrator"</p>

2. Biomedical photography technician
 - a.
 - b.
 - c. Same as above
 - d.
 - e.

Orientation to Health Occupations

UNIT 16 OTHER OCCUPATIONS CLUSTER (Cont'd)

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HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
2 hours	C. Osteopathic Physician 1. Same as under 2. Same as under 3. Medical Photographer 4. 5.	Guest speaker or Visit osteopathic physician's office Film "American Doctor"	Interview speaker Observe, discuss, question Discussion of advantages of osteopathic profession	American Osteopathic Assn., 212 E. Ohio St. Chicago, Ill. 60611 Same as above
2 hours	D. Chiroprapist 1. 2. Same as under 3. Medical Photographer 4. 5.	Booklet "The Osteopathic Profession free, 6 pp Film "The Chiropractic Clinic in Hospital Routine" 20 min., color, sound, 1958	Read and discuss Discuss the role of the podiatrists - chiropractors in the hospital	American Journal of Nursing Co. Ed. Services Division Film Library 267 West 25th Street New York, N.Y. 10001 Same as above
	E. Podiatrist 1. 2. 3. Same as under 4. Medical Photographer 5.	Lecture Booklet "Doctor of Podiatry" 3pp, free Film "Podiatry: Opportunity and Challenge" 14 min., color, 1970, free	Discussion Read and discuss Discuss importance of a podiatrist	American Podiatry Assn. 20 Chevy Chase Circle, N.W., Washington, D.C. 20010 American Educational Films, 331 N. Maple Drive, Beverly Hills, Calif. 90210 List duties of a podiatrist

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UNIT 16 OTHER OCCUPATIONS CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	<u>BEST COPY AVAILABLE</u>		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 Hour	F. Psychologist 1. Same as under 2. Medical Photographer 3. Medical Photographer 4. 5.	Guest speaker - Psychologist Film "Angry Boy"	Interview guest speaker Discuss role of psychologist shown in the film	Local School Psychologist Trenton State Museum Trenton, N.J. 08625
			Booklet "A Career in Psychology" 1965, free, 31 pp.	American Psychological Association 1200 17th St., N.W. Washington, D.C. 20036
1 hour	G. Psychometrist 1. Same as under 2. Medical Photographer 3. Medical Photographer 4. 5.		Guest speaker Discuss tests used Demonstrate word association test with one or two students	Contact local Psychometrist Interview speaker Observe and discuss
1 hour	H. Mortician and Funeral Service Technician 1. 2. 3. Same as above 4. 5.		Guest speaker	Interview Guest speaker Contact local Mortician
3 hours	I. Veterinarian and Veterinarian Assist./Tech. 1. 2. 3. Same as above		Lecture Discussion	American Veterinary Medical Assn., 600 S. Michigan Ave., Chicago, Ill. 60605 Booklet "Career Facts About Veterinary Medicine" free, 5 pp.

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UNIT 16 OTHER OCCUPATIONS CLUSTER (Cont'd)

<u>BEST COPY AVAILABLE</u>			
HOURS (Approx.)	CONTENT	STUDENTS BEHAVIORAL ACTIVITIES (AVA'S)	REFERENCES
4.	Film "Gentle Doctor" 21 min., color, sound, 16mm	Discuss one activity in the life of a veterinarian	Assn. Sterling Films 347 Madison Avenue New York, N.Y. 10017
5.	Film "Laboratory Animal Technician: A Career in Care" 22 min., color, 1957, free	Discuss the responsi- bilities of the animal technician	Nat'l Society for Medical Research 1330 Massachusetts Ave., N.W., Washington, D.C. 20005
82	J. Ambulance Drivers Ambulance Aide First Aide Workers	Read and discuss Book "Your Future in Veterinary Medicine" by Wayne H. Riser 164pp., 1970, \$3.99	Richards Rosen Press 29 E. 21st Street New York, N.Y. 10010
1 hour	1. Same as above 2. Same as above 3. Same as above 4. Same as above 5. Chiropractor	Film "Pulse of Life," Life Saving Methods" 27 min., rental \$15.00 or "Anatomy of an Accident" 26½ min. Guest speaker Speaker	Pyramid Film Producers P. O. Box 1048 Santa Monica, Calif. Local Bell Telephone Business Office
			Contact local chiropractor
			American Chiropractic Association 2200 Grand Avenue P.O. Box 1535 Des Moines, Iowa 50306

Orientation to Health Occupations

UNIT 16 OTHER OCCUPATIONS CLUSTER (Cont'd)

HOURS (Approx.)	CONTENT	BEST COPY AVAILABLE		
		INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	PREFERENCES
L.	Aerospace Medicine 1. 2. 3. 4. 5.	Booklet "Careers in Aerospace Medicine and Life Sciences" Book "Your Future in Aerospace Technology by Colonel L. D. Ely	Read and discuss Read and discuss	Aerospace Medical Assn. Washington Nat'l Airpt. Washington, D. C. 20001 Richards Rosen Press 29 E. 21st Street New York, N.Y. 10010

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UNIT 17 HOSPITAL FINANCING CLUSTER (OPTIONAL)				BEST COPY AVAILABLE
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	Introduction to Occupations Related to Financing Overview	<p>D. Health Economist</p> <ol style="list-style-type: none"> 1. Description of work 2. Specific characteristics required <ol style="list-style-type: none"> a. Physical b. Emotional 3. Educational requirements 4. Licensure or certification 5. Employment opportunities <ol style="list-style-type: none"> a. Location b. Working conditions c. Financial rewards d. Other rewards e. Future outlook <p>C. Hospital Controller</p> <ol style="list-style-type: none"> 1. 2. 3. Same as above 4. 5. <p>D. Hospital Credit Manager</p> <ol style="list-style-type: none"> 1. 2. Same as under 3. Health Economist 4. 5. 	<p>Discussion</p> <p>Local hospital</p> <p>Lecture or guest speaker "Health Economist"</p>	<p>American Management Assn. 1515 Broadway New York, N.Y. 10036</p> <p>Read and discuss</p> <p>Booklet "Initiation to Achievement" 1967, 32 pp free</p>

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UNIT 17 HOSPITAL FINANCING CLUSTER (Cont'd)		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour	E. Hospital Accountant	<p>Lecture</p> <p>1.</p> <p>2.</p> <p>3. Same as above</p> <p>4.</p> <p>5.</p>	<p>Discussion</p> <p>Read and discuss</p> <p>Booklet "Careers in Financial Management & Controlllership" free 6pp</p>	<p>Financial Executive Inst. 50 West 44th Street New York, N.Y. 10001</p> <p>Hospital Financial Management Association 840 North Lake Shore Dr. Chicago, Ill. 60611</p> <p>Accounting Careers Council Nat'l Distribution Center P. O. Box 650 Radio City Station New York, N.Y. 10019</p>
3 hours	F. Hospital Computer Operator and Hospital Computer Programmer	<p>Demonstration by a hospital computer team.</p> <p>1.</p> <p>2.</p> <p>3. Same as above</p> <p>4.</p> <p>5.</p>	<p>Observe and discuss</p> <p>Booklet "Computer Career"</p>	<p>Medical Engineering & Electronics 2 East 63rd Street New York, N.Y. 10016</p> <p>American Federation of Inf. Processing Societies 210 Summit Avenue Montvale, N.J. 07645</p> <p>Richards Rosen Press 29 E. 21st Street New York, N.Y. 10010</p>

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UNIT 18 SUPPORTIVE OCCUPATIONAL CLUSTER (OPTIONAL)		BEST COPY AVAILABLE		
HOURS (Apprx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVAIL'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
1 hour (Apprx.)	Introduction to Supportive Occupations in Health Facilities <ul style="list-style-type: none"> a. Overview b. Housekeeping <ul style="list-style-type: none"> 1. Supervisor, Lead Man, Assistant Housekeepers, and Executive a. Description of work b. Specific characteristics required <ul style="list-style-type: none"> 1) Physical 2) Emotional c. Educational requirements d. Licensure or certification e. Employment opportunities <ul style="list-style-type: none"> 1) Location 2) Working conditions 3) Financial rewards 4) Other rewards 5) Future outlook 	Lecture "Hospital Housekeeping ing's Place on the Hospital Team" (film strip) free	Discussion Discuss the role of housekeeper on the health team	Vestal Laboratories 4963 Manchester Ave. St. Louis, Mo. 63110 The National Executive Housekeeping Assn., Inc. Business & Professional Bldg. Columbus, Ohio 43261 Discussion of safety measures for hospital workers shown in the film
				American Hospital Assn. 840 North Lake Shore Dr. Chicago, Ill. 60611 Read and discuss ...
				Booklet "In Choosing A Career-Consider Executive Housekeeping"
				2. Aide, Maid, Porter, Janitor <ul style="list-style-type: none"> a. b. c. Same as above
				Discussion Lecture

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UNIT 18 SUPPORTIVE OCCUPATIONAL CLUSTER (Cont'd)		BEST COPY AVAILABLE		
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
	d. e.	3. Laundry Manager/Worker-Washman/Flat Iron Workers-Packmakers	Discussion	
	a. b. c. d. e.	Lecture		American Hospital Assn. 840 North Lake Shore Dr. Chicago, Ill. 60611
1 hour	c. 1. Engineering	Local Hospital Booklet "Hospital Engineer"	Discussion	Read and discuss
	a. b. c. d. e.	Lecture		
	2. Hospital Maintenance Worker		Discussion	
	a. b. c. d. e.	Lecture		
3 hours	D. Central Supply (Service)		Discussion	
		Lecture		

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UNIT 18 SUPPORTIVE OCCUPATIONAL CLUSTER (Cont'd)				BEST COPY AVAILABLE
HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AHA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)	REFERENCES
	<p>1. Central Service Suprv.</p> <ul style="list-style-type: none"> a. b. c. Same as above d. e. <p>2. Central Service Tech/ Helper</p> <ul style="list-style-type: none"> a. b. Same as under Housekeeping No. 1 c. d. e. <p>3. Purchasing</p> <ul style="list-style-type: none"> 1. Purchasing Agent/Manager a. b. c. Same as above d. e. 	<p>Plan tours through these hospital areas</p> <p>Lecture</p> <p>Discussion</p> <p>Lecture</p> <p>Booklet "Hospital Purchasing Agent" 1966, free, 3pp.</p>	<p>Discussion of obser- vations following trip</p> <p>Discussion</p> <p>Read and discuss</p>	<p>Local Hospital</p> <p>American Hospital Assn. 8140 Lake Shore Drive Chicago, Ill. 60611</p>
1 hour	<p>2. Supervisor of Stores Operation</p> <ul style="list-style-type: none"> a. b. c. Same as above d. e. 	Lecture	Discussion	

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UNIT 18 SUPPORTIVE OCCUPATIONAL CLUSTER (Cont'd)

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HOURS (Approx.)	CONTENT	INSTRUCTORS ACTIVITIES (AVA'S)	STUDENTS BEHAVIORAL ACTIVITIES (Assignments)		REFERENCES
			3.	4.	
			Lecture	Discussion	
		a. b. Same as under Housekeeping Mo. 1 c. d. e.			
			Lecture	Discussion	
		a. b. c. Same as above d. e.			
			Lecture	Discussion	
		a. b. c. Same as above d. e.			
			Lecture	Discussion	
		a. b. c. Same as above d. e.			
			Lecture	Discussion	
		a. b. c. Same as above d. e.			

The above workers can
be interviewed and
observed during field
trip

Observe the above
workers during field
trip